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BOROUGH OF ILKESTON



ANNUAL HEALTH REPORT

for the Year 1949

BY

H. L. BARKER

M.D., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health

Thos. Roe, Printer, Bath Street, Ilkeston, Derbys.

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BOROUGH OF ILKESTON

HEALTH COMMITTEE

THE MAYOR	Councillor Mrs. E. E. BOSTOCK
(Councillor J. C. Britton, J.P.)	„ A. MEAKIN
Alderman D. BARTON, c.c.	„ G. MILLER
„ J. HENSHAW	„ C. K. MURRAY
„ E. A. HESKETT	„ Mrs. M. RIGLEY
(Chairman)	„ I. STRAW
„ H. TRUEMAN	„ Mrs. J. TAYLOR
Councillor E. BOSTOCK, J.P.	„ E. J. TOMLINSON

HOUSING MANAGEMENT COMMITTEE

THE MAYOR	Councillor C. K. MURRAY
(Councillor J. C. Britton, J.P.)	„ A. MEAKIN (<i>Chairman</i>)
Alderman J. HENSHAW	„ G. MILLER
„ J. A. MACDONALD, M.B.E.	„ R. SKELTON, c.c.
Councillor E. BOSTOCK, J.P.	„ I. STRAW
„ Mrs. E. E. BOSTOCK	„ Mrs. J. TAYLOR
„ W. HALLAM	„ E. J. TOMLINSON
„ A. HICKINBOTHAM	

PUBLIC HEALTH STAFF (1949)

Medical Officer of Health:

H. L. BARKER, M.D., B.S.(Lond.), M.R.C.S., L.R.C.P., D.P.H.

Chief Sanitary Inspector:

C. E. ADCOCK, Cert.S.I.B., M.S.I.A.

Deputy Chief Sanitary Inspector:

R. W. BOOTH, Cert.S.I.B., M.R.S.I.
appointed 26th September, 1938.

F. TAYLOR, Cert. S.I.B.
appointed 1st January, 1947.

Clerks:

Miss L. TRUEMAN
Mr. F. BOAM
Miss J. DOAR

Rodent Operative:

R. JULIAN

SECTION I

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	..	..	..	..	..	..	3,017
Population :—							
Census, 1931	..	..	..	..	..	..	33,164
Estimated, 1949	..	..	..	..	..	..	33,510
No. of Inhabited Houses (1931 Census)	..	..				..	7,336
No. of Families or Separate Occupiers (1931 Census)						..	7,907
Rateable Value, 31st March, 1949	..	..	..			..	£154,223
Sum represented by a Penny Rate				..	..	..	£595
Rates 18s. 4d. in the £ (1948-49).							

EXTRACTS FROM VITAL STATISTICS

Live Births.	Total.	M.	F.	Birth-rate.
Legitimate ..	582	298	284	} 18.02
Illegitimate ..	22	13	9	
	<u>604</u>	<u>311</u>	<u>293</u>	

The Birth-rate for England and Wales for 1949 was 16.7

Still Births.	Total.	M.	F.
Legitimate	8	4	4
Illegitimate	1	1	—
	<u>9</u>	<u>5</u>	<u>4</u>

Rate per 1,000 total births (live and still births) . . 14.6

Deaths.	Total.	M.	F.	Death-rate.	
				Ilkeston.	Eng. & Wales.
	376	212	164	11.28	11.7

Deaths from Puerperal Causes.

	Deaths.	Rate per 1,000 total (live and still) births.
Puerperal Sepsis ..	—	—
Other Maternal Causes	—	—
Total ..	<u>Nil</u>	<u>Nil</u>

Infant Mortality.

Death-rate of Infants under 1 year of age per 1,000 live-births:—

Legitimate infants per 1,000 legitimate live-births	34.36
Illegitimate infants per 1,000 illegitimate live-births	90.90
All infants per 1,000 live births	36.42
Rate for England and Wales	32.00

Specified Deaths.

Cancer (all ages)	61
Measles (all ages)	3
Whooping Cough (all ages)	Nil
Diarrhoea (under 2 years)	3
Diphtheria	Nil
Pulmonary Tuberculosis	12
Non-Pulmonary Tuberculosis	1
Motor Vehicle Accidents	Nil

BIRTH-RATES, DEATH-RATES, and ANALYSIS OF MORTALITY
DURING THE YEAR 1949. (*Provisional figures*)

	BIRTH-RATE PER 1,000 POPULATION		ANNUAL DEATH-RATE PER 1,000 POPULATION								RATE PER 1,000 LIVE BIRTHS	
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid Fever	Small-pox	Acute Polio- myelitis (inc. encephalitis)	Whooping Cough	Diphtheria	Influenza	Pneumonia	Diarrhoea and Enteritis (under two years)	Total Deaths under one year
England and Wales	16.7	0.39	11.7	0.00	0.00	0.01	0.01	0.00	0.15	0.51	3.0	32
126 County Boroughs and Great Towns, including London	18.7	0.47	12.5	0.00	0.00	0.02	0.01	0.00	0.15	0.56	3.8	37
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census, 1931)	18.0	0.40	11.6	0.00	0.00	0.02	0.01	0.00	0.14	0.49	2.4	30
London	18.5	0.37	12.2	0.00	0.00	0.01	0.01	0.00	0.11	0.59	1.7	29
Ilkeston	18.02	0.26	11.28	0.00	0.00	0.00	0.00	0.00	0.26	0.35	4.96	36.42

The maternal mortality rates for England and Wales is :— per 1,000 Total Births (live and still) 0.82

Below is given a table which analyses the causes of the 376 deaths,
and the ages at which they occurred :—

Cause of Death	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 up
All causes	M.	212	12	—	—	—	6	16	52	57	69
	F.	164	10	—	1	1	1	9	39	42	61
1. Typhoid and Paratyphoid Fever	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
2. Cerebro-spinal fever	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
3. Scarlet Fever	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
4. Whooping Cough	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
5. Diphtheria	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
6. Tuberculosis of respiratory system	M.	8	—	—	—	—	1	3	3	1	—
	F.	4	—	—	—	—	—	2	—	2	—
7. Other forms of Tuber- culosis	M.	1	—	—	—	—	—	1	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
8. Syphilitic Disease	M.	4	—	—	—	—	—	1	3	—	—
	F.	—	—	—	—	—	—	—	—	—	—
9. Influenza	M.	5	—	—	—	—	1	—	2	1	1
	F.	4	—	—	—	—	—	—	—	2	2
10. Measles	M.	1	1	—	—	—	—	—	—	—	—
	F.	2	2	—	—	—	—	—	—	—	—
11. Acute Poliomyelitis	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
12. Acute infective encephalitis	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
13. Cancer of Buc. Cavity and oesophagus Cancer of Uterus	M.	—	—	—	—	—	—	—	—	—	—
	F.	4	—	—	—	—	—	1	1	2	—
14. Cancer of Stomach and Duodenum	M.	4	—	—	—	—	—	—	—	2	2
	F.	4	—	—	—	—	—	—	1	1	2
15. Cancer of Breast	M.	—	—	—	—	—	—	—	—	—	—
	F.	6	—	—	—	—	—	1	3	2	—
16. Cancer of all other sites	M.	28	—	—	—	—	1	2	10	7	8
	F.	15	—	—	—	—	—	—	8	3	4
17. Diabetes	M.	3	—	—	—	—	—	—	—	2	1
	F.	2	—	—	—	—	—	—	—	2	—
18. Intra-Cranial Vascular lesions	M.	19	—	—	—	—	—	1	3	10	5
	F.	43	—	—	—	—	1	—	9	12	21
19. Heart Disease	M.	54	—	—	—	—	1	1	17	14	21
	F.	31	—	—	—	1	—	3	6	5	16
20. Other diseases of circu- latory system	M.	4	—	—	—	—	—	2	1	1	—
	F.	5	—	—	—	—	—	1	3	1	—
21. Bronchitis	M.	22	1	—	—	—	—	—	5	6	10
	F.	8	—	—	—	—	—	—	—	3	5
22. Pneumonia	M.	4	—	—	—	—	—	—	2	2	—
	F.	8	1	—	—	—	—	1	3	2	1
23. Other respiratory diseases	M.	1	—	—	—	—	—	—	—	—	1
	F.	3	—	—	—	—	—	—	2	1	—
24. Ulcer of Stomach and duodenum	M.	3	—	—	—	—	—	1	1	1	—
	F.	1	—	—	—	—	—	—	—	1	—
25. Diarrhoea under 2 years	M.	2	2	—	—	—	—	—	—	—	—
	F.	1	1	—	—	—	—	—	—	—	—

(Continued over)

(Table continued)

Causes of Death	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 up
26. Appendicitis .	M.	—	—	—	—	—	—	—	—	—	—
	F.	1	—	—	—	—	—	—	1	—	—
27. Other digestive diseases .	M.	1	—	—	—	—	—	—	—	1	—
	F.	1	1	—	—	—	—	—	—	—	—
28. Nephritis .	M.	10	—	—	—	—	1	1	1	5	2
	F.	—	—	—	—	—	—	—	—	—	—
29. Puerperal and post abortion sepsis .	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
30. Other maternal causes .	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
31. Premature Birth .	M.	1	1	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
32. Congenital Malformation birth injuries, infantile disease .	M.	6	6	—	—	—	—	—	—	—	—
	F.	5	4	—	1	—	—	—	—	—	—
33. Suicide .	M.	2	—	—	—	—	—	1	1	—	—
	F.	—	—	—	—	—	—	—	—	—	—
34. Road Traffic accidents .	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
35. Other violent causes .	M.	6	1	—	—	—	1	—	2	1	1
	F.	2	1	—	—	—	—	—	—	1	—
36. All other causes .	M.	23	—	—	—	—	—	2	1	3	17
	F.	14	—	—	—	—	—	—	2	2	10

VITAL STATISTICS

Comparative tables showing the more important rates are appended.

Live Birth-rates and Death-rates

Year	Birth Rate	Death Rate	Year	Birth Rate	Death Rate	Year	Birth Rate	Death Rate	Year	Birth Rate	Death Rate
1911	32.6	15.4	1922	23.3	9.6	1933	15.68	12.3	1944	20.19	10.57
1912	29.4	11.7	1923	21.9	10.4	1934	15.5	10.65	1945	18.99	11.34
1913	29.0	13.9	1924	21.6	10.9	1935	16.45	11.58	1946	21.07	10.25
1914	27.0	15.2	1925	21.3	12.2	1936	16.27	11.39	1947	24.56	11.27
1915	29.7	14.9	1926	20.7	10.4	1937	17.2	11.69	1948	21.17	11.18
1916	25.9	12.3	1927	18.1	11.1	1938	15.48	10.05	1949	18.02	11.28
1917	23.7	11.9	1928	18.61	10.15	1939	15.5	10.63			
1918	21.6	16.5	1929	17.59	12.48	1940	15.85	12.18			
1919	22.6	12.4	1930	20.28	10.23	1941	15.49	11.93			
1920	28.5	11.7	1931	18.01	11.68	1942	18.51	11.35			
1921	27.2	11.6	1932	16.33	10.7	1943	21.17	13.61			

Maternal Mortality Rates

Year.	Maternal Mortality Rate.	Year.	Maternal Mortality Rate.	Year.	Maternal Mortality Rate.
1921	3.3	1932	3.5	1943	1.56
1922	6.5	1933	1.8	1944	1.58
1923	2.7	1934	5.6	1945	Nil
1924	6.9	1935	1.7	1946	Nil
1925	2.7	1936	3.5	1947	Nil
1926	7.0	1937	1.73	1948	Nil
1927	5.0	1938	1.9	1949	Nil
1928	8.1	1939	Nil		
1929	1.7	1940	Nil		
1930	5.9	1941	4.07		
1931	3.3	1942	1.79		

Infantile Mortality Rates

Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate
1901	181.8	1912	106.8	1923	91.2	1934	55.1	1945	41.6
1902	176.4	1913	152.9	1924	75.5	1935	62.8	1946	31.34
1903	198.1	1914	149.4	1925	110.9	1936	50.9	1947	42.5
1904	183.5	1915	142.5	1926	83.4	1937	66.3	1948	58.23
1905	158.1	1916	102.2	1927	87.2	1938	34.1	1949	36.42
1906	177.3	1917	129.6	1928	60.2	1939	48.38		
1907	156.9	1918	94.6	1929	78.6	1940	98.1		
1908	147.1	1919	129.9	1930	62.3	1941	70.4		
1909	191.2	1920	99.0	1931	68.5	1942	63.8		
1910	132.8	1921	92.5	1932	74.9	1943	61.09		
1911	151.8	1922	83.8	1933	78.2	1944	63.83		

Vital Statistics.

The number of live-births was 604 which is exactly 100 less than the previous year. The live birth-rate was 18.02 and is therefore declining. The number of deaths was 376. The death-rate was 11.28 and does not vary very much from year to year.

The difference between the number of live-births and the number of deaths, *i.e.*, the natural increase of the population, was 228. This is below the average figure for the past 20 years. The maternal mortality was again zero. No resident of the Borough has died in child-birth during the last five years. The infant mortality rate of 36.42 was much below the average.

Deaths from Violence.

For many years it has been customary to bring these deaths to notice and to classify them in some measure because in our opinion they are preventable.

(1) Suicide.

Two cases occurred. Both were men in the middle period of life. One took his life by inhaling coal gas and the other by hanging himself.

(2) Other deaths by Violence.

Of the eight cases that occurred, three were industrial accidents involving men. One young male had a fatal accident during recreation. Two elderly people, male and female sustained falls in their own homes. The remaining two were babies who choked themselves during attacks of vomiting. There were no fatal accidents on the roads due to motor traffic.

SECTION II

GENERAL PROVISION OF HEALTH SERVICES

HOSPITALS

The year 1949 was the first complete year during which all the the Hospitals were under the administration of the Sheffield Regional Hospital Board. There are three hospitals in the Borough of Ilkeston, namely :—

1. The Ilkeston General Hospital (54 beds),
Heanor Road, Ilkeston.
2. The Ilkeston Maternity Home (10 beds),
Park Avenue, Ilkeston.
3. The Longfield Children's Hospital (16 beds),
Longfield Lane, Ilkeston.

WELFARE SERVICES

These are provided by the Derbyshire County Council as the Local Health Authority.

Clinics.

The Clinics in Ilkeston provided by the Derbyshire County Council are given in tabular form.

Ambulance Service.

The Derbyshire County Council have an Ambulance Station at Manor House, Ilkeston, where four ambulances and a car for sitting cases are maintained. The telephone number is Ilkeston 936.

Maternity and Child Welfare Service.

This service is administered by the Derbyshire County Council and the chief features are as follows :—

Health Visiting.

There are three county nurses residing in the Borough who carry out this work. Two of them who are trained health visitors also act as tuberculosis nurses and attend the Chest Clinic and visit when necessary the homes of the patients who attend there.

Ante-Natal and Post-Natal Clinic.

These are held every Monday at Albert Street Clinic, and are attended by the obstetric specialists, Miss Glen Bott and Miss C. Bates. Blood tests for the Rhesus factor and Kahn tests are carried out. Dental care for expectant mothers can also be given. Maternity outfits are provided free to those who need them.

Maternity In-Patient Accommodation Selection.

This is available for expectant mothers who need it. Priority is given to those who are having their first child, also to those who need it on medical grounds and are recommended by their doctor, and also to those whose need is sociological. The last group is visited by the health visitors who report on the urgency of the need for in-patient treatment.

Midwifery Service.

There are four county midwives resident in the Borough who can be summoned by telephone. They are all in possession of a car. Gas and air analgesia can be administered.

Infant Welfare Centres.

The County Administers two centres where clinics are held as follows :—

The Clinic Albert Street, Ilkeston.

Tuesdays, 1.30 p.m.—4 p.m.

The United Methodist School, Wesley Street,
Cotmanhay, Ilkeston.

Thursdays, 2 p.m.—4 p.m.

A doctor attends each clinic.

Day Nurseries.

There are two Day Nurseries administered by the County within the Borough.

1. Station Road Day Nursery, Station Road, Ilkeston.
This has an establishment of thirty-five places for children from birth to 5 years of age.
2. Whitworth Road Day Nursery, Lower Whitworth Road, Ilkeston. The establishment for this Nursery is fifty places for Children from birth to 5 years of age.

Occupation Centre.

This centre is for mentally defective children. It is held at St. Mary's Schools, Hallcroft Road, Ilkeston.

Home Nursing Service.

There are four or five county home nurses within easy reach.

LABORATORY FACILITIES

Use is made of the bacteriological and chemical laboratories belonging to the County at Derby. Arrangements have also been made for the regular analysis of water samples by the public analyst at Nottingham.

Legislation in Force.

There has been no new local legislation.

CLINICS AND TREATMENT CENTRES

	Situation	Medical Officer in Attendance	When held	Accommodation	Provided by
Maternity and Child Welfare Centres	(1) Albert Street	M.O.H.	Tuesdays, 2—4 p.m.	3 rooms	Derbyshire C.C.
	(2) Wesley Street	Dr. F. B. Sudbury	Thursdays, 2—4 p.m.	3 rooms	do.
Ante-natal Clinic	Albert Street	Miss Glen Bott and Miss C. Bates	Monday, 2—5 p.m.	3 rooms	do.
Post-natal Clinic	Albert Street				
School Clinic	Albert Street	M.O.H.	Daily, 10—12 M.O.H. attends Tues- days and Thursdays	3 rooms	do.
Orthopaedic Clinic	Albert Street	Orthopaedic Sur- geon attends mon- thly on 4th Wed- nesday	Wednesdays, a.m. and p.m. Miss Garratt	2 rooms	do.
Chest Clinic	Albert Street	Chest Physician	Wednesdays, a.m. and p.m.	3 rooms	do.

SECTION III

SANITARY CIRCUMSTANCES OF THE AREA

Water.

The source of supply was the same as formerly. The quantity of water was sufficient. The quality of the drinking water was satisfactory. Samples are taken at intervals and are sent to the Public Analyst, Mr. W. W. Taylor, in Nottingham, for both chemical and bacteriological examination. Seven samples were submitted during the year and a copy of the report on the last sample taken in December is given below. The water is not plumbo-solvent.

1, Regent Street,
Nottingham,
22nd December, 1949.

REPORT OF ANALYSIS OF WATER

Received 19th December, 1949, from

BOROUGH OF ILKESTON

Mark No. 8/1949

This sample contains per million parts :—

Total Solids dried at 180°C.	.. .. .	200.00
Suspended Matter	.. .. .	absent
Chlorides as chlorine	.. .. .	10.60
Oxidised Nitrogen as nitrate	.. .. .	absent
Oxidised Nitrogen as nitrite	.. .. .	absent
Free Ammonia	.. .. .	0.004
Albuminoid Ammonia	.. .. .	0.004
Temporary Hardness	.. .. .	65.00
Permanent Hardness	.. .. .	55.00
Oxygen absorbed in 4 hours at 80°F. from N/80 KMnO ₄	.. .. .	0.00
pH value	.. .. .	8.00
Appearance	.. .. .	clear and bright
Odour	.. .. .	none
Taste and Colour	.. .. .	normal
Heavy Metals	.. .. .	absent
Free Chlorine..	.. .. .	absent
No. of colonies developing per ml. on agar at 21°C. in 72 hours	.. .. .	65
No. of colonies developing per ml. on agar at 37°C. in 24 hours	.. .. .	0
No. of colonies developing per ml. on agar at 37°C. in 48 hours	.. .. .	0
Coli-aerogenes count per 100 mls. at 37°C. in 48 hours	.. .. .	0
Faecal Coli count per 100 mls. at 44°C. in 48 hours	.. .. .	0
Bacillus Coli (Presumptive)	.. .. .	Absent in 100 mls.

At the time of sampling this water was of satisfactory bacterial and chemical quality for human consumption, domestic use and dairy purposes.

(Signed) W. W. TAYLOR, B.Sc., F.R.I.C.

House Supply.

The number of dwelling-houses supplied direct from public water mains was 9,278 and the population of the houses so supplied was 33,465. The number of houses supplied by means of stand pipes was eighteen and the population so supplied was forty-five.

Water Mains.

Mains extensions were carried out as follows :— at Cromwell Avenue 125 yards and at Margaret Avenue 150 yards of 3 inch mains. On the Kirk Hallam Housing Estate were laid 300 yards of 12 inch main, 40 yards of 9 inch. main, 2,500 yards of 6 inch. main and 2,540 yards of 4 inch. main.

Reservoirs.

Marlpool Reservoir. Capacity two million gallons.

At the beginning of the year the deep mining operations had reached a line about 100 yards beyond the northern boundary of the reservoir, working in a northerly direction. The Low Main Seam of coal had been extracted from beneath the reservoir in 1948 and had caused serious damage to the walls and floor involving the emptying and repairing of the inside of the reservoir on five occasions. The subsidence continued at a slower rate and by June was just over 3 feet and the amount of leakage was 53,000 gallons a day. Early in October the reservoir was emptied for examination, and temporary repairs to the asphalt lining were carried out which prevented the leakage. At the end of the year the reservoir was reasonably serviceable.

Croft Yard Reservoir. Capacity two million gallons.

The two halves of this reservoir were sufficiently completed for tests to be applied. Cementation work was carried out and testing was still in operation at the end of the year.

Sewage Disposal Works.

The renewal of troughing and certain media to four bacteria beds at the Hallam Fields Sewage Works was nearing completion at the end of the year.

Sewage.

At Gallows Inn Pumping Station a start was made on the work of providing ejectors in place of the pumps. At Peacock Place the foul sewer damaged by mining subsidence was reconstructed. On Ladywood Road construction of the foul sewer was commenced. On Section One of the Kirk Hallam Housing Estate the majority of the totally separate sewers were constructed.

Disposal of Refuse.

Dry refuse was collected by a contractor and disposed of by controlled tipping.

Sanitary Inspection of the Area.

The Tables at the end of this Report which have been prepared by the Chief Sanitary Inspector, Mr. Adcock, show that a great volume of work has been carried out.

Water Consumption.

A table is given showing the consumption of water supplied by this authority during the year ending 31st March, 1950.

Inside and Outside of Borough.								<i>Gallons</i>
Consumption for all purposes..	..	..	..	..	..	..	..	526,032,000
Average daily Consumption ..	..	..	..	..	..	..	..	1,441,156
Total Domestic Consumption..	..	..	..	..	..	..	..	363,702,000
Total Trade .. .. .	..	..	..	..	..	..	..	162,330,000
Consumption per head per day.								
Domestic .. .. .	..	..	..	..	..	..	..	29·31
Trade .. .. .	..	..	..	..	..	..	..	13·08
Total ..								42·39
Estimated population supplied (inside and outside Borough) ..								34,000
Inside Borough.								
Total Consumption for Domestic ..	..	..	..	..	..	..	..	363,302,000
Total Consumption for Trade..	..	..	..	..	..	..	..	102,482,000
Consumption per head per day.								
Domestic .. .. .	..	..	..	..	..	..	..	29·27
Trade .. .. .	..	..	..	..	..	..	..	8·26
Total ..								37·53
Estimated Consumption outside Borough.								
Domestic .. .. .	..	..	..	..	..	..	..	400,000
Trade (Measured) .. .. .	..	..	..	..	..	..	..	59,848,000

SECTION IV

HOUSING, 1949

HOUSING STATISTICS

Total number of New Houses erected during the year	149
(1) By the Local Authority (Permanent)	133
(2) By Other Local Authorities	Nil
(3) By other bodies or persons	16
Total number of houses owned by the Local Authority at the end of the year	1,582

Permanent Council Houses—	
(a) Traditional	1,405
(b) Aluminium	70
Prefabricated Bungalows—Temporary	100
Others	7

HOUSE INSPECTION

- (1) Inspection of Dwelling-houses during the year 1949.
 - (a) (i) Total number of dwelling-houses inspected for housing defects (Public Health or Housing Acts) 295
 - (ii) Number of inspections made for the purpose 620
 - (b) (i) Number of dwelling-houses (included under sub-head (a) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 5
 - (ii) Number of inspections made for the purpose 7
 - (c) Number of dwelling-houses found to be in a state so dangerous or injurious as to be unfit for human habitation 5
 - (d) Number of dwelling-houses (exclusive of these referred to under the preceding sub-head) found not to be in all respects fit for human habitation 222
- (2) Remedy of defects during the year without service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers 148
- (3) Action under Statutory Powers during the year 1949.
 - (a) Proceedings under Sections 9, 10 and 16, of the Housing Act, 1936 5
 - (b) Proceedings under Public Health Acts 199
 - (c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :
 - (i) Number of dwelling-houses in respect of which Demolition Orders were made 4
 - (ii) Number of dwelling-houses demolished in pursuance of Demolition Orders 4
 - (d) Proceedings under Section 12 of the Housing Act, 1936 Nil

- (4) Houses closed in pursuance of an undertaking given by the owners under Section 11, *Nil*
- (5) Number of dwelling-houses within the Borough on the 31st December, 1949 9,280

SECTION V

INSPECTION AND SUPERVISION OF FOOD

Milk.

The number of milk producers was twelve and the number of retail purveyors was eighty-nine. The number of Pasteurising establishments was three and the number of dealers licensed to sell Tuberculin Tested Milk was ten. On the 1st October the Milk (Special Designation) (Raw Milk) Regulations, 1949 and the Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949, came into operation. As a result licences were issued to fifty-four dealers to use the designation "Sterilised."

Meat and Other Foods.

Nearly all the fresh meat for the Area was brought in from the public abattoir in Derby by the Ilkeston Butchers' Buying Committee and was distributed to the various retail butchers. Home fed pigs to the number of 381 were slaughtered locally under licences from the Ministry of Food for home consumption and of these only twenty-four carcasses were inspected as the Ministry of Food ceased to give notice to the Health Department of the issue of licences.

A large amount of other foods were inspected and the amount of food surrendered is given below.

Fresh Fish	168 lbs.
Canned Meat	92 $\frac{3}{4}$ lbs.
Canned Milk	749 $\frac{1}{2}$ lbs.
Canned Fish	104 lbs.
Canned Vegetables	272 lbs.
Canned Fruit	790 lbs.
Canned Preserves	102 $\frac{1}{2}$ lbs.
Prepared meat foods	186 lbs.
Biscuits	21 lbs.
Miscellaneous	799 lbs.
Total	1 ton 9 cwt. 36 $\frac{3}{4}$ lbs.

SECTION VI

INFECTIOUS AND OTHER DISEASES

General.

The number of notified infectious diseases apart from tuberculosis was 383 of which Measles accounted for 225. The other prevalent diseases were Whooping Cough 56, Chicken-pox 54 and a mild type of Scarlet Fever 39.

The following table gives details concerning the notifiable diseases except Tuberculosis which is considered in Section VII.

Disease	No. Notified	No. Removed to Hospital	Total Deaths
Pneumonia (all forms)	6	1	12
Scarlet Fever	39	2	—
Erysipelas	2	—	—
Chicken-Pox	54	—	—
Whooping Cough	86	3	—
Measles	225	1	3
Acute Poliomyelitis	1	1	—

Ophthalmia Neonatorum.

No cases were notified.

Influenza.

In the case of nine deaths influenza was stated to have been one of the contributory causes.

Acute Poliomyelitis or Infantile Paralysis.

Only one case was notified, a boy of 11 years of age, although there was a moderately severe but short epidemic during the autumn in England and Wales taken as a whole.

Cancer.

There were sixty-one deaths from malignant disease. This is slightly above the average of recent years. A classification according to age and sex and localisation of the affection is given in the table of causes of death on a previous page.

SEX AND AGE DISTRIBUTION OF CASES OF NOTIFIABLE DISEASES DURING 1949

Age Group.	Sex.	Pneumonia all forms	Chicken Pox	Scarlet Fever	Erysipelas	Whooping Cough	Measles	Acute Poliomyelitis
0— 1	M.	—	—	—	—	1	3	—
	F.	—	1	—	—	1	10	—
1— 2	M.	—	—	—	—	6	16	—
	F.	—	1	1	—	8	16	—
2— 3	M.	—	5	3	—	1	20	—
	F.	1	4	1	—	7	14	—
3— 4	M.	—	3	3	—	3	26	—
	F.	—	4	2	—	9	16	—
4— 5	M.	—	—	3	—	5	13	—
	F.	—	2	1	—	4	10	—
5—10	M.	—	14	10	—	5	39	—
	F.	1	16	14	—	5	39	—
10—15	M.	—	3	—	—	—	1	1
	F.	—	—	—	—	—	2	—
15—20	M.	1	—	—	—	—	—	—
	F.	—	1	—	—	—	—	—
20—35	M.	—	—	—	—	—	—	—
	F.	—	—	—	—	1	—	—
35—45	M.	—	—	—	—	—	—	—
	F.	—	—	1	—	—	—	—
45—65	M.	2	—	—	—	—	—	—
	F.	—	—	—	2	—	—	—
65 up- wards	M.	—	—	—	—	—	—	—
	F.	1	—	—	—	—	—	—
Total all ages	M.	3	25	19	—	21	118	1
	F.	3	29	20	2	35	107	—
Grand Total		6	54	39	2	56	225	1

Diphtheria and its Prevention.

No case of Diphtheria occurred in the Borough during 1949.

The arrangements for immunisation against Diphtheria were continued and ten sessions were held at the Albert Street Clinic. The total attendances of children were 1,062 and the average number of children attending at each session was 106.

The number of children who completed courses of immunisation during 1949 was as follows :—

<i>0-4 years</i>	<i>5-14 years</i>	<i>Total</i>
422	32	454

The number of children who received reinforcing doses was ninety-four.

Food Poisoning.

No cases of food poisoning were notified during the year.

SECTION VII
TUBERCULOSIS

New Cases.

The number of new cases of all forms of Tuberculosis was forty. Of the thirty-six pulmonary cases twenty-five were males and eleven were females. The four non-pulmonary cases were equally divided between the sexes.

Deaths.

There were thirteen deaths. The pulmonary form accounted for twelve deaths and the non-pulmonary form for one. All the deaths occurred in patients who had been notified previously as being cases of Tuberculosis.

Particulars of new cases of Tuberculosis and deaths from this cause are given in the following table.

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-respiratory.		Respiratory.		Non-respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	1	—	—	—	—
5	—	—	—	1	—	—	—	—
10	1	—	—	—	—	—	—	—
15	2	5	1	—	—	—	—	—
20	3	1	—	—	1	—	—	—
25	8	2	1	—	2	—	1	—
35	7	3	—	—	1	2	—	—
45	—	—	—	—	1	—	—	—
55	2	—	—	—	2	—	—	—
65 and upwards	2	—	—	—	1	2	—	—
Total ..	25	11	2	2	8	4	1	—

Treatment.

The arrangements for treatment are under the administration of the County Council and the Sheffield Regional Hospital Board. The out-patients attend the Chest Clinic in Albert Street where the Chest Physician examines and treats them. He also carries out some domiciliary visiting. The sanatoria to which the pulmonary cases go for in-patient treatment are usually the Derwent Hospital or Walton Sanatorium. The non-pulmonary cases are treated either at Bretby Hospital or in one of the General Hospitals. Out of the forty new cases four patients died within six months of notification. At the end of 1949 there was a total of 192 persons on the Tuberculosis Register. Of these 155 were pulmonary cases and 37 were non-pulmonary cases.

Comparative Table.

A table is appended showing the number of new cases of Tuberculosis for the past few years.

New Cases of Tuberculosis.

Year.	Pulmonary		Total	Non-Pulmonary		Total	Grand Total
	M.	F.		M.	F.		
1937	13	16	29	3	5	8	37
1938	13	13	26	2	8	10	36
1939	6	11	17	6	3	9	26
1940	10	9	19	4	2	6	25
1941	11	10	21	6	4	10	31
1942	12	7	19	3	2	5	24
1943	21	16	37	4	7	11	48
1944	7	7	14	5	7	12	26
1945	14	11	25	4	2	6	31
1946	17	14	31	3	3	6	37
1947	8	14	22	1	6	7	29
1948	20	14	34	1	1	2	36
1949	25	11	36	2	2	4	40

SECTION VIII

MISCELLANEOUS

National Assistance Act, 1948.

Under Section 47 no person in need of care and attention was moved.

Factories Acts 1937 and 1948.

A copy of the relevant matter in the Annual Report of the Medical Officer of Health with respect to the above Acts is appended.

FACTORIES ACTS, 1937 and 1948
Annual Report of the Medical Officer of Health
in Respect of the Year, 1949
for the
BOROUGH OF ILKESTON
in the
COUNTY OF DERBY

PART I OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>In-spections</i>	<i>Written notices</i>	<i>Occupiers prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6, are to be enforced by Local Authorities	18	7	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	107	30	5	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	Nil	Nil	Nil	Nil
TOTAL	125	37	5	Nil

2. Cases in which DEFECTS were found.

<i>Particulars</i>	<i>Number of cases in which defects were found</i>				<i>Number of cases in which prosecutions were instituted</i>
	<i>Found</i>	<i>Remedied</i>	<i>Referred To H.M. Inspector</i>	<i>By H.M. Inspector</i>	
Want of cleanliness (S.1)	1	—	—	1	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4.)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7.)					
(a) insufficient	1	—	—	—	—
(b) Unsuitable or defective	3	—	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	2	—	—	—	—
TOTAL	7	Nil	Nil	2	Nil

PART VIII OF THE ACT
OUTWORK
(Sections 110 and 111)

<i>Nature of Work</i>	<i>Section 110</i>			<i>Section 111</i>		
	<i>No. of out-workers in August list required by Sect. 110(1)(c)</i>	<i>No. of cases of default in sending lists to the Council</i>	<i>No. of prosecutions for failure to supply lists</i>	<i>No. of instances of work in unwholesome premises</i>	<i>Notices served</i>	<i>Prosecutions</i>
Wearing apparel : Making etc. . .	141	2	—	—	—	—
Cleaning and washing . .	—	—	—	—	—	—
TOTAL . .	141	2	Nil	Nil	Nil	Nil

Alderman J. Woolley, J.P.

In May, 1949, Alderman J. Woolley resigned from the Ilkeston Borough Council owing to health reasons. He had been a member of the Council and of the Health Committee for 47 years and was Chairman of the Health Committee for 36 years. He was well known in Local Government spheres especially in Public Health circles, both nationally as well as locally, and was a forceful speaker. As a Chairman his local knowledge and superb memory of past history of health matters was of great help. I should like to take this opportunity of recording my personal thanks for his encouragement and loyal support of this Department during the past 20 years that I have been in office.

SANITARY INSPECTION OF THE DISTRICT

Details of Visits and Inspections made by the Sanitary Inspectors during the year.

Inspections to premises	149
Re inspections to premises	780
Visits re complaints	427
Other visits	575
Food Shops and Premises	235
Dairies inspected	28
Ice Cream premises inspected	156
Bakehouses inspected	5
Slaughtering visits	24
Milk Samples taken	18
Drainage inspections	111
Water, smoke or colour tests to drains	92
Dustbins inspected	568
Waterclosets inspected	457
Cesspools inspected	65
Infectious Disease investigations	33
Rooms Disinfected (Infectious Disease)	53
Beds Disinfected (Infectious Disease)	57
Shops Inspected	38
Shops Acts visits	188
Visits re removals	224
Beds from removals treated	462
Visits re verminous premises	14
Vacant Council houses inspected	23
Rooms disinfested	174
Special Housing investigations	13
Places of Amusement inspected	13
Petroleum premises inspected	10
Moveable dwellings inspected	81
Power Factories inspected	30
Non-power Factories inspected	7
Smoke Observations taken	23
Visits re accumulations of refuse	12
Houses measured	1
Visits re Water supply	345
Visits re Rats and Mice destruction	8

Meat and Other Food Inspections.

Slaughtering visits	24
Food Shops, Stalls, and other food preparing premises	235
Bakehouses	5
Dairies and Milkshops	28
Milk samples taken for Phosphatase Test	18
Milk samples taken for Methylene Blue Test	18

Notices Served.

Number of Informal Notices served (Public Health Act, 1936)	288
Number of Statutory Notices served (Sec. 24 Public Health Act, 1936)	2
Number of Statutory Notices served (Sec. 93 Public Health Act, 1936)	61
Number of Statutory Notices served (Sec. 75 Public Health Act, 1936)	10
Number of Statutory Notices served (Sec. 45 Public Health Act, 1936)	11
Number of Statutory Notices served (Sec. 277 Public Health Act, 1936)	1
Number of Statutory Notices served (Sec. 39 Public Health Act, 1936)	99
Number of Statutory Notices served (Sec. 56 Public Health Act, 1936)	15
Number of Statutory Notices served (Sec. 138 Public Health Act, 1936)	70

Sanitary Supervision of Music Halls, Theatres, etc.

Cinemas. The four cinemas have been inspected at various times during the year. The cinemas and the premises licensed for music and dancing have given no cause for complaint during the year.

An Annual Report is submitted to the Health Committee and the Local Licensing Bench in accordance with the circular 120 of the Ministry of Health, 1920.

Canal Boats (Public Health Act, 1936, Sections 249 to 258).

Only two canal boats were inspected. These were unregistered boats working on short hauls and not used as dwellings. Boats are still passing for loading up further north, but the number is small.

No boats were registered or removed from the register during the year.

Common Lodging Houses.

There are no common lodging houses in the Borough.

Factories Act, 1937.

Number of inspections made to Power Factories	.	.	.	30
Number of inspections made to Non-Power Factories	.	.	.	7
Number of notices served	.	.	.	5
Number of certificates issued (Section 37)	.	.	.	2

Petroleum Acts.

Number of Petroleum Spirit Storage Licences issued	.	.	.	57
Number of inspections made	.	.	.	10

Rag Flock Acts.

No samples taken during the year.

Rats and Mice Destruction Act 1919, and Infestation Order 1943.

Visits re-complaints (Rats and Mice)	.	.	.	.	1,434
Preliminary surveys to premises	.	.	.	.	175
Number of premises treated	.	.	.	.	142

The sewers within the Borough were treated twice during the year :—

Treatment commenced	21st March, 1949	11th September, 1949
Treatment completed	8th April, 1949	30th September, 1949
Bait used	Bread Mash	Sausage Rusk
Poison used	10% Arsenious Oxide	2½% Zinc Phosphide
No. of manholes baited	160	173
(each baited three times)		
Pre-bait complete takes	19	20
Pre bait partial takes	33	54
Pre-bait no takes	108	99
Poison baits complete takes	Nil	Nil
Poison baits partial takes	52	74
Estimated kill	350	450
Post poison bait tests	60	68
Total number of visits	760	828

During the latter treatment, the Cotmanhay Farm Housing Estate was test baited and found to be infested. All manholes (sixty-nine in number) were treated.

Rent and Mortgage Interest (Restrictions) Acts.

No certificates were issued during the year

Shops Acts, 1912 to 1934.

Number of inspections	.	.	.	.	.	38
Prosecutions	.	.	.	.	.	Nil

INSPECTION AND SUPERVISION OF FOOD

1949

Cowkeepers registered	12
Cowsheds	24
Inspections	Nil

Dairies and Purveyors of Milk.

Number of producers of milk	12
Number of retail purveyors	89
Number of inspections	28

Milk (Special Designations) Order 1936 and 1938.

Licences granted during the year	15
Dealers licensed to sell Tuberculin Tested Milk	9
Pasteurising Establishments	3

Milk (Special Designations) (Raw Milk) Regulations 1949.

Dealers Licenses to use the designation Tuberculin Tested	1
---	---

Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations 1949.

Dealers licensed to use the designation Pasteurised	Nil
Dealers licensed to use the designation Sterilised	54

Milk Samples.

Number of samples taken for Phosphatase Test	18
Number of samples taken for Methylene Blue Test	18
Number of samples unsatisfactory (Phosphatase Test)	3
Number of samples taken for (Methylene Blue Test)	Nil
No. of samples taken for which there were no results owing to atmospheric temperature	3

Prosecutions.

There were no prosecutions during the year.

Public Health (Meat) Regulations, 1924.

There has been no slaughtering under these Regulations during the year.

The Ministry of Food granted licenses for the slaughter of 381 pigs for private consumption. Twenty-four were inspected.

Offensive Trades.

Number on Register (Tripe Boiler)	1
Number of Notices served	Nil

Food and Drugs Act, 1938 (Section 14).

Number of Premises registered for the Manufacture or Sale of Preserved Food, etc.	42
Number of Premises registered for the Preparation and Sale of Fried Fish, Meat Pies, etc.	41
Number of Premises registered for the manufacture and Sale of Ice Cream	15
Number of Premises registered for the Sale of Ice Cream	84

Unsound Food Surrendered during 1949.

61 $\frac{3}{4}$ lbs.	Sausage	2 tins	Grapes
168 lbs.	Cod Fillets	433 tins	Tomatoes
60 lbs.	Frozen Rabbit	144 tins	Tomato Juice
7 $\frac{1}{2}$ lbs.	Cured Ham	3 tins	Cherries
52 $\frac{1}{4}$ lbs.	Bacon	15 tins	Plums
4 lbs.	Haslett	2 tins	Damsons
46 $\frac{3}{4}$ lbs.	Cheese	9 tins	Orange Juice
10 $\frac{1}{2}$ ozs.	Date Pudding	3 tins	Peaches
30 lbs.	Dried Figs	1 tin	Pears
168	Chocolate Tea-cakes	32 tins	Marmalade
1 gall.	Pickled Onions	31 tins	Jam
2 tins	Meat Paste	1 tin	Syrup
4 tins	Crab Paste	3 tins	Pickled Gherkins
6 tins	Steak	1 tin	Fig Pudding
29 tins	Meat Loaf	1 tin	Mincemeat
1 tin	Ox Tongue	484 tins	Tomato Paste
17 tins	Luncheon Meat	4 tins	Frozen Eggs
1 tin	Bratt	8 jars	Apple Sauce
4 tins	Pate Foie	12 jars	Chutney
5 tins	Salmon	19 jars	Piccalilli
10 tins	Fish Spread	29 jars	Pickles
6 tins	Sardines	20 bottles	Tomato Sauce
7 tins	Crawfish	4 bottles	Sauce
1 tin	Snook	83 pkts.	Pudding Mixture
2 tins	Silver Hake	1 pkt.	Oats
9 tins	Fish Balls	3 pkts.	Flour
13 tins	Pilchards	7 pkts.	Dessert Mould
19 tins	Herrings	6 pkts.	Dates
68 tins	Mussels	1 pkt.	Coffee
50 tins	Evaporated Milk	26 pkts.	Cake Mixture
361 tins	Condensed Milk	3 pkts.	Gravy Powder
21 tins	Carrots	48 pkts.	Sponge Mixture
19 tins	Soup	80 pkts.	Mustard
4 tins	Beetroot	125 jars	Plums
15 tins	Cabbage	2 pkts.	Peanut Butter
3 tins	Piccalilli	3	Jellies
3 tins	Mixed Vegetables	47 pkts.	Chocolate Food
3 tins	Soup	41 pkts.	Egg Substitute
35 tins	Potatoes	3 pkts.	Cocoa
1 tin	Spaghetti	29 pkts.	Soup Powders
1 tin	Rhubarb	47 pkts.	Barley Flour
2 tins	Chutney	6 pkts.	Barley Kernels
36 tins	Macaroni	36 pkts.	Dried Onions
50 tins	Peas	4 pkts.	Dried Cabbage
24 tins	Beans	45 pkts.	Semolina
3 tins	Apples		

SUMMARY

Fresh Fish	.	.	168 lbs.
Canned Meat	.	.	92 $\frac{3}{4}$ lbs.
Canned Milk	.	.	749 $\frac{1}{2}$ lbs.
Canned Fish	.	.	104 lbs.
Canned Vegetables	.	.	272 lbs.
Canned Fruit	.	.	790 lbs.
Canned Preserves	.	.	102 $\frac{1}{2}$ lbs.
Prepared Meat foods	.	.	186 lbs.
Biscuits	.	.	21 lbs.
Miscellaneous	.	.	799 lbs.

Total . . . 3,284 $\frac{3}{4}$ lbs.

C. E. ADCOCK, Cert.S.I.B., M.S.I.A.,
Chief Sanitary Inspector.

